

Rec'd

12 APR 2005

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/IB 03/04022 187531n18

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11B7/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 93254 A (DAMBACH SOEREN ;RICHTER HARTMUT (DE); THOMSON LICENSING SA (FR)) 6 December 2001 (2001-12-06) page 16, line 18 -page 18, line 30; figures 7,8	1,9,10, 15
Y	EP 0 837 455 A (THOMSON BRANDT GMBH) 22 April 1998 (1998-04-22) cited in the application the whole document	1-15
A	EP 1 014 347 A (THOMSON BRANDT GMBH) 28 June 2000 (2000-06-28) the whole document	1-15
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the International search

15 December 2003

Date of mailing of the International search report

14/01/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 10, 17 November 2000 (2000-11-17) -& JP 2000 187880 A (SHARP CORP), 4 July 2000 (2000-07-04) abstract; figures 5-14 ----	1-15
A	EP 0 496 132 A (PHILIPS NV) 29 July 1992 (1992-07-29) column 7, line 28 -column 10, line 43; figures 1B,,4A-4D ----	1-15
A	US 4 783 152 A (NISHIMOTO YOSHIFUMI) 8 November 1988 (1988-11-08) column 3, line 26 -column 5, line 27; figures 2-4 -----	1,7,8

INTERNATIONAL SEARCH REPORT

Internal Application No
PCT/IB 03/04022

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0193254	A	06-12-2001	AU 7407901 A BR 0111198 A CN 1436348 T WO 0193254 A1 EP 1295286 A1 US 2003165106 A1	11-12-2001 08-04-2003 13-08-2003 06-12-2001 26-03-2003 04-09-2003
EP 0837455	A	22-04-1998	DE 19643105 A1 CN 1180890 A EP 0837455 A2 ID 18591 A JP 10134408 A SG 54568 A1 US 5905708 A	23-04-1998 06-05-1998 22-04-1998 23-04-1998 22-05-1998 16-11-1998 18-05-1999
EP 1014347	A	28-06-2000	DE 19859035 A1 CN 1258068 A EP 1014347 A2 JP 2000195097 A KR 2000047692 A PL 337272 A1 US 2003026189 A1	29-06-2000 28-06-2000 28-06-2000 14-07-2000 25-07-2000 03-07-2000 06-02-2003
JP 2000187880	A	04-07-2000	NONE	
EP 0496132	A	29-07-1992	NL 9002841 A DE 69125264 D1 DE 69125264 T2 DE 69133021 D1 DE 69133021 T2 EP 1187116 A1 EP 0496132 A2 EP 0756273 A1 JP 2000137927 A JP 3110532 B2 JP 4301226 A KR 246282 B1 KR 254150 B1 US 2003133391 A1 US 5408453 A US 6538978 B1 US 5841753 A	16-07-1992 24-04-1997 04-09-1997 27-06-2002 02-01-2003 13-03-2002 29-07-1992 29-01-1997 16-05-2000 20-11-2000 23-10-1992 15-03-2000 15-04-2000 17-07-2003 18-04-1995 25-03-2003 24-11-1998
US 4783152	A	08-11-1988	JP 61160714 A DE 3600325 A1 FR 2575838 A1 GB 2171811 A	21-07-1986 10-07-1986 11-07-1986 03-09-1986

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